

EQUIUM 100 Series Specifications

PLATFORM	
SERIES NAME	EQUIUM 100
PART NUMBER	<i>As Listed: See Configuration Page</i>
PROCESSOR	
Intel Pentium® II w/MMX	Yes
Available processor speeds	266MHz <i>(As Listed: See Configuration Page)</i>
Integrated Coprocessor	Yes
Processor Cache (L1) Capacity	32KB: (16KB code; 16KB data)
Bus Speed	66 MHz
LEVEL 2 (L2) CACHE	Yes: 512KB Pipeline Burst SRAM <i>Integrated into CPU</i>
Data Bus Width/Address Bus Width	64-bit/64-bit
Local Clock Bus Speed	Half of the Processor clock (133MHz)
SYSTEM BOARD	
Form Factor	NLX
Chipset	82440LX
Down Components	
I/O Controller	Yes
Audio Controller	Yamaha OPL3-SA3
SYSTEM ARCHITECTURE	
Form Factor	NLX Riser Adapter (2-PCI)
PCI BUS (V2.1): (32-bit, 33mhz)	Yes: 2-Half-length slot
HARDWARE MONITORING (DMI ASIC)	Yes: LM79 (Voltage, Temperature, Fan Speed, and LANdesk Client Manager)
MEMORY: SDRAM	
Type	168-pin SDRAM DIMM's with gold-plated contacts, unbuffered
Available Standard Configurations (x*32MB)	32 MB or 64MB <i>(As Listed: See Configuration Page)</i>
Maximum	128 MB
ECC/Parity Support	Optional (No parity standard)
Data/Address Bus Width	64-bit
Local Clock Bus Speed	66 MHz
Socket type:	(2) 168-pin gold plated DIMM sockets: Accepts 32/64/128MB memory
BIOS (2Mbit FLASH EEPROM, 256KB)	Yes
PnP 1.0a Support	Yes
Advanced Power Management 1.2 (APM)	Yes
DPMS Support	Yes
DCC Support	Yes
DMI Support	Yes
UDMA - 33	Yes
POST	Yes
ACPI	Yes
TAPM	Yes
SOUND SYSTEM	
Chipsets:	Yamaha OPL3-SA3
Compatibility	Sound Blaster Pro and Windows Sound System
3D Sound support	Yes
DirectSound, Direct3DSound	Yes
FM Synthesis	Yes
16-bit stereo audio <i>full duplexed</i>	Yes
Built-in microphone	No

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PLATFORM (con.)	
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PART NUMBER	<i>As Listed: See Configuration Page</i>
EXTERNAL INTERFACES	
One RJ-45 port	<i>As Listed: See Configuration Page</i>
One 9-Pin Serial (16550 UART compliant)	Yes
Universal Serial Bus ports ¹	Supports 2 USB peripherals without external hub
One 25-Pin Parallel	Yes: Supports EPP, ECP
One (PS/2) Mouse Port	Yes
One (PS/2) Windows 95 104 Keyboard	Yes
Microphone (3.5mm mini jack, monaural)	Yes
Line-out (3.5mm mini jack, stereo, 0.7V rms)	Yes
AC IN (Standard 3 prong)	Yes
DISPLAY	
LCD Panel	
Type	15"Diagonal TFT Active Matrix (1,024 x 768 resolution)
Dot Pitch	.297mm x .297mm
Contrast Ratio	100:1 (min)
Brightness	200cd/m2 (max)
Maximum colors	256K
Vertical Refresh rate	60Hz
Interface	Digital (Panel Link) Internal Connection
Power Management	Energy Star Compliant
Screen Rotation	Yes: 90° Vertical (Portrait mode) or 90° Horizontal (Landscape)
Supported Display Resolutions (max)	
	<u>Colors/ Refresh Rate</u>
640 x 480	256K 60 Hz
480 x 600	256K 60 Hz
800 x 600	256K 60 Hz
600 x 800	256K 60 Hz
1024 x 768	64K 60 Hz
768 x 1024	64K 60 Hz
VIDEO	
Video Memory: SGRAM	2 MB
Data Bus Width	64-bit
Clock Speed	83 MHz
Graphic Controller	
Standards Supported	DPMS Power Managment; Plug & Play compliant
Local Bus support	Yes: PCI (v.2.1) Bus (33 Mhz, 32-bit)
Controller Chip	S3 Virge/MX+(PCI)
64-bit BitBLT Engine	Yes
2D Supported Features	BitBLT, Hardware Cursor (up to 64 x 64 x 2), DirectDraw, Retangle Fill,Line Draw, Polygon Fill, Panning/Scrolling, Bit Masking, Monochrome Expansion, Scssoring and full ROP support
3D Supported Features	Yes: supports 24-bit color
PCI Support	Yes
Modeling	Fogging, lighting
Shading	Flat shading, Gouraud shading
Rendering	Texture mapping: Bilinear,Trilinear, Anti-aliasing, MIP mapping, Z-Buffering
Alpha-blending	Yes
Direct3D support	Yes
QuickDraw 3D RAVE support	Yes
Open GL support	Yes

- Both ports operate from a single controller allowing 128 devices total, not per port. Throughput for the Universal Serial Bus (UBS) is 12Mbits/sec.

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SERIES NAME		EQUIUM 100					
PART NUMBER		As Listed: See Configuration Page					
EXPANSION BAY		TOTAL		AVAILABLE		CONFIGURED	
As Listed: See Configuration Page	Internal	3.5"	1	0	1 (HDD)		
		5.25"	0	0	0		
	External	3.5"	1	0	1 (FDD)		
		5.25"	0	0	0		
	CD-ROM		1	0	1 (CD-ROM)		
EXPANSION SLOTS		TOTAL		AVAILABLE		CONFIGURED	
PCI: Half-Length		2		1		1 (GRAPHICS)	
POWER SUPPLY(125Watts)							
Input (Voltage/Frequency)		115V; 60Hz					
SUPPORTED SAFETY STANDARDS							
US/Canada		UL 1950 3rd Edition					
		CSA22.2 No.950-93 3rd Edition					
		EMI FCC Part 15, Subpart B					
CERTIFICATIONS: Windows 95 & Windows NT logo, Energy Star							
HARDWARE COMPLIANT: PC97, PC98, ACPI							
SECURITY							
Hardware		Chasis Lock (key mechanism/padlock) -- Lock not included					
Password Support		Power-on, Supervisor/Administrator, User, Keyboard/Mouse, Setup Utility, Setup Utility Disable					
DIMENSIONS (Landscape)		15.63"W x 8.58"D x 16.46"H					
(Portrait)		14.41"W x 8.58"D x 18.38"H					
WEIGHT (w CD-ROM)		24.2 lbs.					
BUNDLED SOFTWARE: Windows 95 or Windows NT Workstation 4.0 w/Windows NT Service Pack 4.0 (optional); Intel LanDesk Client Manager 3.1; Expert Intelligent Help(SystemWizard v1.4); Online User's Guide							
CD's Included: Recovery CD (Bootable)							
WARRANTY: 3 Yr. Parts/One Yr. Labor (First Yr. On-site); Years 2 & 3 Parts only; 24 x 7 Dedicated technical support							
ENVIRONMENTAL SPECIFICATIONS							
Temperature:		Operating		Non-operating			
		50°F (10°C) to 95°F (35°C)		-4°F (-20°C) to 140°F (60°C)			
Thermal Gradient 20° per hour		--		--			
Relative Humidity:		30% to 80% non-condensing		20% to 90% non-condensing			
Shock:		3G; 1.5G w/CD-ROM installed		50G; 50G w/CD-ROM installed			
Vibration (5~150Hz f/30 minutes, each axis)		0.3G		0.6G			
AC Line Noise		Compliant w/IEC801-4/IEC1000-4-4		--			
Electrostatic Discharge		Compliant w/IEC801-2/IEC1000-4-2		--			
Immunity Surge		Compliant w/IEC801-5/IEC1000-4-5		--			

EQUIUM 100 Series Specifications

COMPONENT		
SERIES NAME	EQUIUM 100	
PART NUMBER	As Listed: See Configuration Page	
STORAGE		
FDD	3.5" 1.44MB Floppy Disk Drive	
HDD (3.5" Half-height Enhanced IDE)	As Listed: See Configuration Page	
Type	SMART, Ultra-DMA	
Capacity	3GB HDD; (As Listed: See Configuration Page)	
Buffer	256KB EDO DRAM	
Ultra DMA	Yes	
Burst Data Transfer Rate	Ultra DMA Mode2 (33.0MB/sec); PIO Mode 4 (16.7MB/sec)	
Certifications	SMART, UDMA-33, Energy Star	
Controller	Integrated (ATA-4)	
CD-ROM:		
Toshiba XM-1602BV (5.25"), 12.7mm	16X Max-speed CD-ROM	
Interface	ATAPI (Enhanced IDE) w/128KB Buffer	
Average Random Access Time	135ms (16X Max.); 165 ms (4X)	
Data Transfer Rate	600 KB/sec to 3000 KB/sec (4X to 16X)	
Supported Disk Formats	Multisession (Photo-CD, CD-Extra), CD-ROM XA, CD-I, CD-RW (read only) CD-I Bridge (Photo-CD, Video CD), CD-R, CD-I Ready, CD-G, Red Book Yellow Book	
ETHERNET SUPPORT		
Form Factor	NSX Riser	
Model	Intel® EtherExpress™ PRO PCI	
Chipset	i82558	
Support Network	100Base-TX, 10Base T	
Port	RJ 45 (with Connection Status LED and Ethernet Speed LED)	
Wake on LAN	Yes	
KEYBOARD (PS/2)		
	As Listed: See Configuration Page	
	Mult-function Keyboard Option	Value Keyboard Option
Enhanced 104-key keyboard	Yes	Yes
Windows 95 support	Yes	Yes
Total Number of Hot Keys	14	None
Application Launch keys	6	Not Applicable
CD keys	4	Not Applicable
Volume keys	3	Not Applicable
Sleep keys	1	Not Applicable
3.5mm Travel	Yes	Yes
12 dedicated function keys	Yes	Yes
Numeric keypad	Yes	Yes
Keyboard tilt	Yes	Yes
Detachable palm rest	Yes	No
Scroll Lock, CapsLock, NumLock Indicators	Yes	Yes
POINTING DEVICE		
PS/2 Mouse	Yes: 2 Button with 6 foot cable	